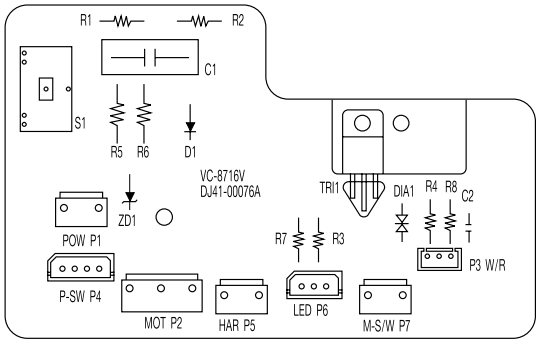
5. PCB Diagrams

MODEL : VC-8716V

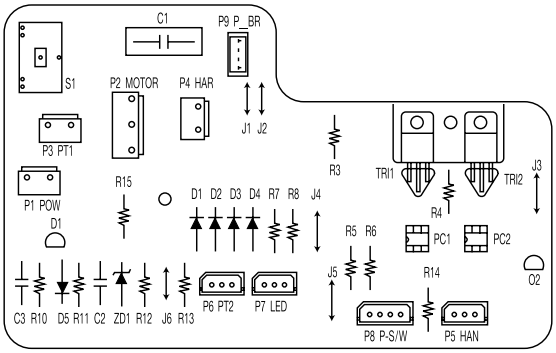


- PBA-MAIN Parts List (DJ41-00073)

Location No.	Code No.	Description	Specification	A	B	A/S	Remarks
R3	2001-001155	R-CARBON(S)	5.6KOHM,5%,1/2W,AA,TP,2.4X6.4MM	1	1		
R4	2001-000110	R-CARBON	10OHM,5%,1/4W,AA,TP,2.4X6.4MM	1	1		
R5	2003-000654	R-METAL OXIDE(S)	33Kohm,5%,2W,AA,TP,4.3x12mm	1	1		
R7	2001-001117	R-CARBON(S)	2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	1	1	●	
R8	2001-000915	R-CARBON	680KOHM,5%,1/4W,AA,TP,2.4X6.4MM	1	1		
C1	2306-001033	C-FILM,MPPF	330nF,10%,275V,TP,26x10x19.5,2	1	1		
C2	2301-000010	C-FILM,PEF	100nF,5%,100V,TP,11.5x12.5mm,5	1	1		
D1	0402-000137	DIODE-RECTIFIER	1N4007,1000V,1A,DO-41,TP	1	1		
ZD1	0403-000292	DIODE-ZENER	MTZ20B,20V,18.63-19.59V,500mW	1	1		
DIA1	1401-000128	THYRISTOR-DIAC	HT1132,40V	1	1	●	
TRI1	1401-001027	THYRISTOR-TRIAC	16A,600V,10UA,750V/US,TO-220AB	1	1	●	
P1	3711-002845	CONNECTOR-HEADER	1WALL,2P,1R,7.92mm,STRAIGHT,SN	1	1		
P5	3711-002845	CONNECTOR-HEADER	1WALL,2P,1R,7.92mm,STRAIGHT,SN	1			
P5	3812-000219	JUMP WIRE	0.8mm		1		
P2	3711-000262	CONNECTOR-HEADER	1WALL,3P/5P,1R,3.96mm,STRAIGHT	1	1		
P3/P6	3711-000880	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	2	2	●	
P4	3711-000963	CONNECTOR-HEADER	BOX,4P,1R,2.5mm,STRAIGHT,SN	1	1		
P7	3711-000210	CONNECTOR-HEADER	1WALL,3P,1R,3.96mm,STRAIGHT,SN	1			
S1	3403-001090	SWITCH-PUSH	250V,12(8)A,SPST,ON-OFF	1	1	●	
PCB	DJ41-00076A	PCB MAIN	FR1,T1.6,W107*L74,-,2X3 ARRA	1	1		
H/SINK	DJ62-00005A	HEAT SINK	AL,T1.5,W20,L66.5	1	1		
RIVET	6041-001014	RIVET-PH	D3.2,L10.8,AL	1	1		

※ A/S= ● :Service Available

MODEL : VC-8716H

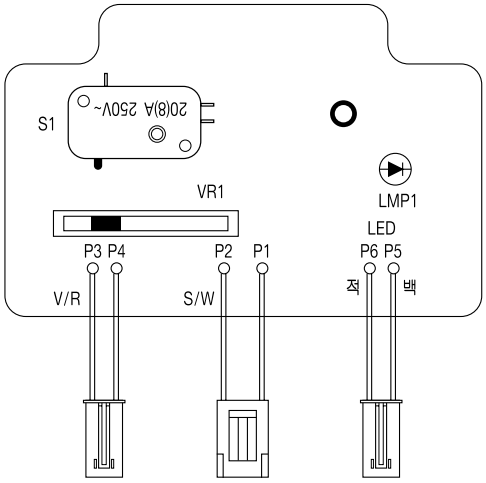


- PBA-MAIN Parts List (DJ41-00078)

Location No.	Code No.	Description	Specification	A	B	A/S	Remarks
R3	2003-000220	R-METAL OXIDE	220ohm,5%,1W,AA,TP,4.3x12mm	1	1		
R4	2003-000220	R-METAL OXIDE	220ohm,5%,1W,AA,TP,4.3x12mm	1			
R5	2001-000113	R-CARBON	18KOHM,5%,1/4W,AA,TP,2.4X6.4MM	1	1		
R6	2001-000042	R-CARBON	1KOHM,5%,1/4W,AA,TP,2.4X6.4MM	1			
R7	2001-000956	R-CARBON	750OHM,5%,1/4W,AA,TP,2.4X6.4MM	1	1		
R8	2001-000105	R-CARBON	1.5KOHM,5%,1/4W,AA,TP,2.4X6.4MM	1	1		
R10/R12	2001-000066	R-CARBON(S)	10KOHM,5%,1/2W,AA,TP,2.4X6.4MM	2	2		
R11/R13	2001-000027	R-CARBON	100OHM,5%,1/4W,AA,TP,2.4X6.4MM	2	2		
R14	2001-000042	R-CARBON	1KOHM,5%,1/4W,AA,TP,2.4X6.4MM	1	1		
R15	2001-000294	R-CARBON	10MOHM,5%,1/4W,AA,TP,2.4X6.4MM	1	1		
C1	2306-001033	C-FILM,MPPF	330nF,10%,275V,TP,26x10x19.5,2	1	1		
C2/C3	2301-000010	C-FILM,PEF	100nF,5%,100V,TP,11.5x12.5mm,5	2	2		
D1~D5	0402-000137	DIODE-RECTIFIER	1N4007,1000V,1A,DO-41,TP	5	5		
ZD1	0403-000292	DIODE-ZENER	MTZ20B,20V,18.63-19.59V,500mW,	1	1		
J1~J3/J4	3812-000219	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm	4	4		
Q1	0501-000303	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-240	1	1		
Q2	0501-000389	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	1	1	●	
PC1/PC2	0604-000257	PHOTO-COUPLER	TRIAC,DIP-5,ST	2	1	●	
TRI1	1401-001027	THYRISTOR-TRIAC	16A,600V,10UA,750V/US,TO-220AB	1		●	
TRI2	1401-001027	THYRISTOR-TRIAC	16A,600V,10UA,750V/US,TO-220AB	1	1		
S1	3403-001090	SWITCH-PUSH	250V,12(8)A,SPST,ON-OFF	1	1	●	
P1/P3	3711-002845	CONNECTOR-HEADER	1WALL,2P,1R,7.92mm,STRAIGHT,SN	2	2		
P2	3711-000262	CONNECTOR-HEADER	1WALL,3P/5P,1R,3.96mm,STRAIGHT	1	1		
P4	3711-002845	CONNECTOR-HEADER	1WALL,2P,1R,7.92mm,STRAIGHT,SN	1			
P4	3812-000219	JUMP WIRE	0.8mm		1		
P5	3711-003968	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	1	1		
P6/P7	3711-000880	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	2	2	●	
P8	3711-000963	CONNECTOR-HEADER	BOX,4P,1R,2.5mm,STRAIGHT,SN	1	1		
PCB	DJ41-00079A	PCB MAIN	FR1,T1.6,W107*L74,2X3 ARRA	1	1		
H/SINK	DJ62-00002A	HEAT SINK	T0.5,W30,L72,U3,AL	1	1		
RIVET	6041-001014	RIVET-PH	D3.2,L10.8,AL	2	1		

※A/S= ● :Service Available

MODEL : VC-8716V/VC-8716H



- PBA-LAMP Parts List (DJ68-00072)

Location No.	Code No.	Description	Specification	A	B	C	A/S	Remarks
LMP1	0601-001608	LED	ROUND,RED,5MM,660NM	1	1	1		
VR1	2102-001018	VR-SLIDE	350KOHM,20%,1/5W,TOP	1	1	1	●	
SW1	3405-001046	SWITCH-MICRO	AC250V,8A,200gf,DPDT	1	1			
P5/P6	DJ39-00042A	WIRE HARNESS-PCB	UL 1007 #22,L90	1				
P3/P4	DJ39-00042B	WIRE HARNESS-PCB	UL 1007 #22,L80	1	1	1		
P1/P2	DJ39-00042C	WIRE HARNESS-PCB	UL 1569 #18,L100	1	1			
PCB	DJ41-00077A	PCB-LAMP	FR1,T1.6,L69*W46,2*4 ARRAY	1				

※ A/S= ● :Service Available